

No Time to Waste

Ocean Plastic Pollution

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8 million metric tons
or one garbage truck load
of plastic per minute





The world deemed this unacceptable.

Governments, industries and the public made global commitments aimed at reducing plastic pollution



24 – 35 Mt of
plastic pollution*
per year in 2020

*Into all aquatic ecosystems



Borelle et al. 2020, *Science*



Even with current reduction commitments

a cargo ship's* worth of plastics

will enter lakes, rivers, and our ocean

every single day by 2030.

How much effort will it take to reduce plastic pollution to 2015 levels (<8 Mt)?



**Reduce
Plastic
Waste**

**Plastic Waste
Reduction**



Waste Management



**Plastic Pollution
Cleanup**

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**Plastic Pollution
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**25 – 40% reduction
per capita**

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**Managed Waste
level increased to:
60 - 99%**



**Plastic Pollution
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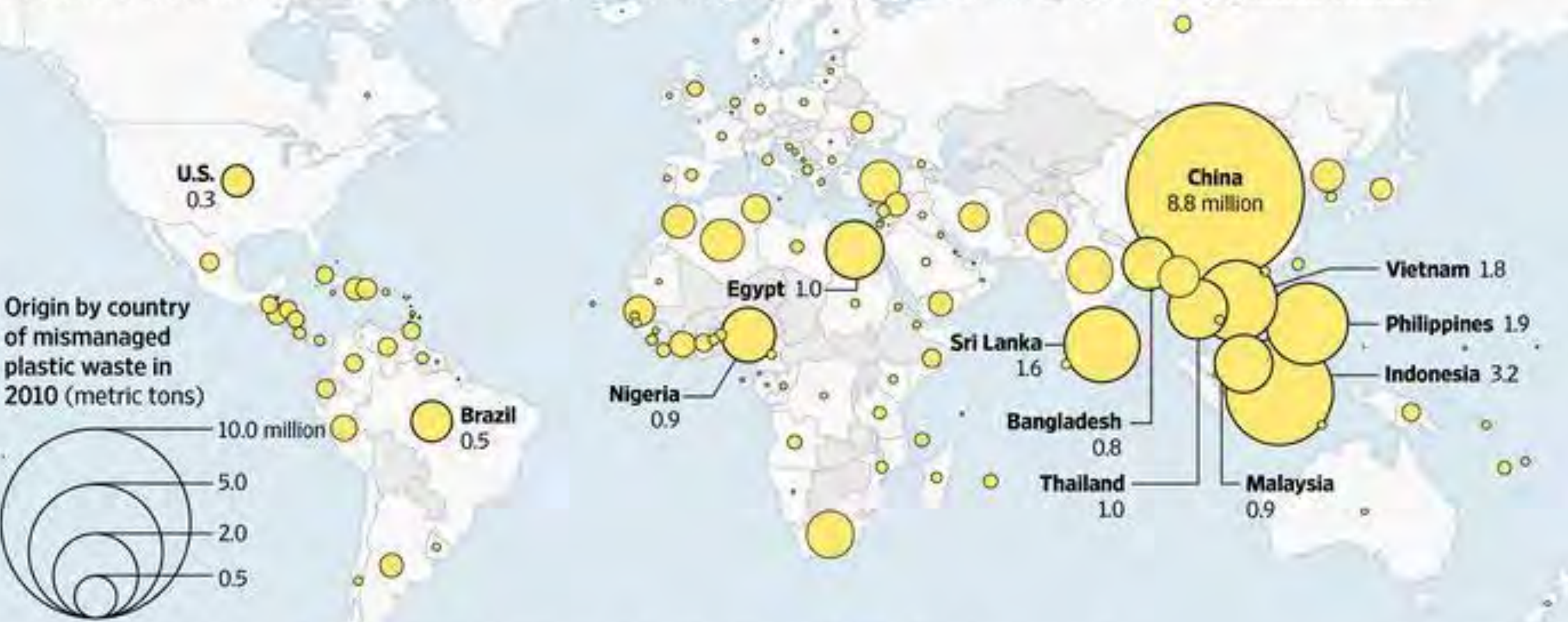


**Plastic Pollution
Cleanup**

Clean up 40% of
annual plastic
emissions



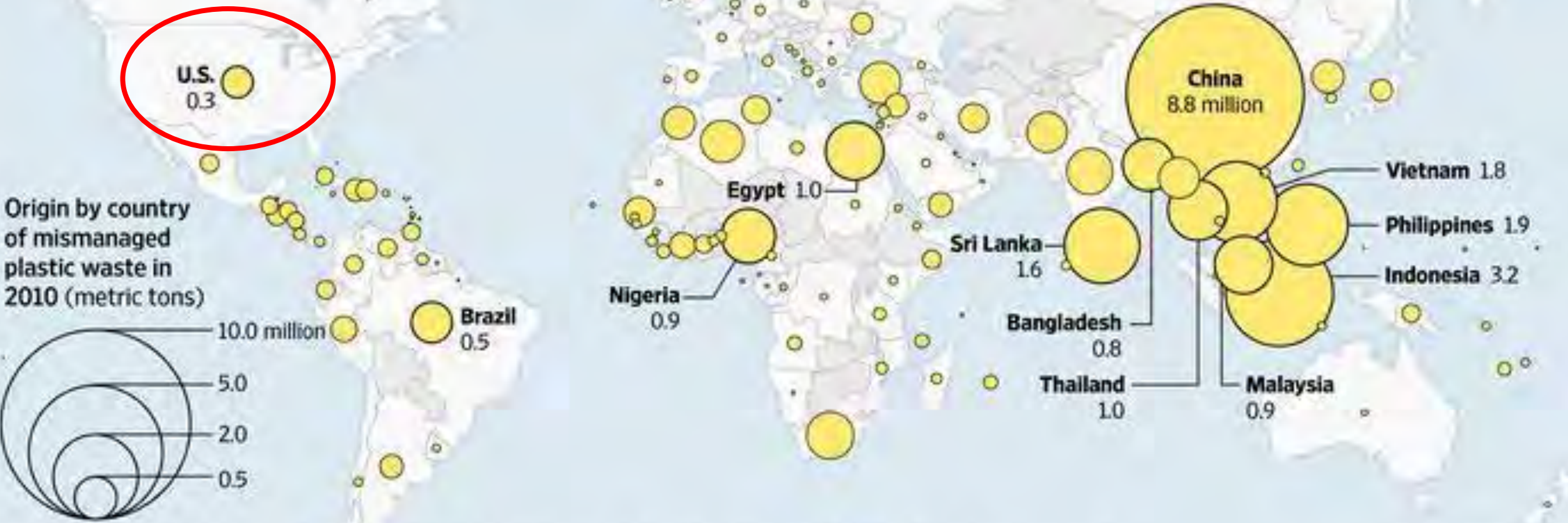
Ocean Detritus | Much of the world's mismanaged plastic waste ends up fouling global waters



Sources: Science; University of Georgia; University of California; Sea Education Association

The Wall Street Journal

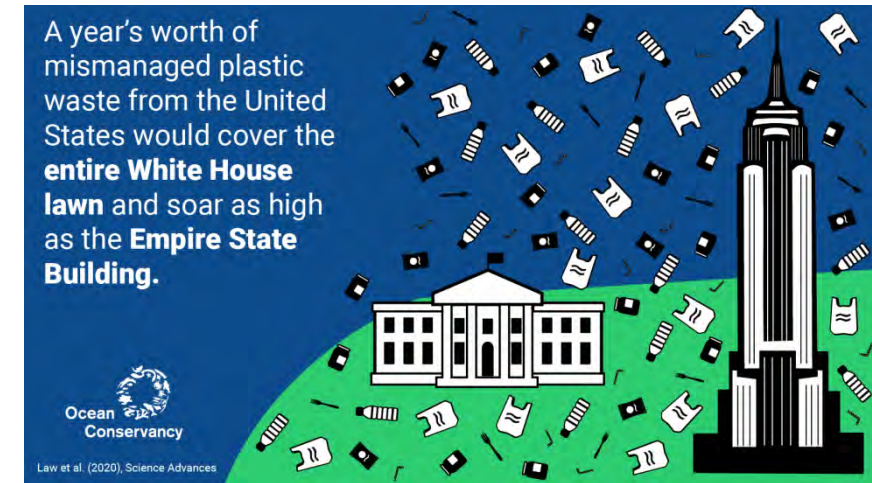
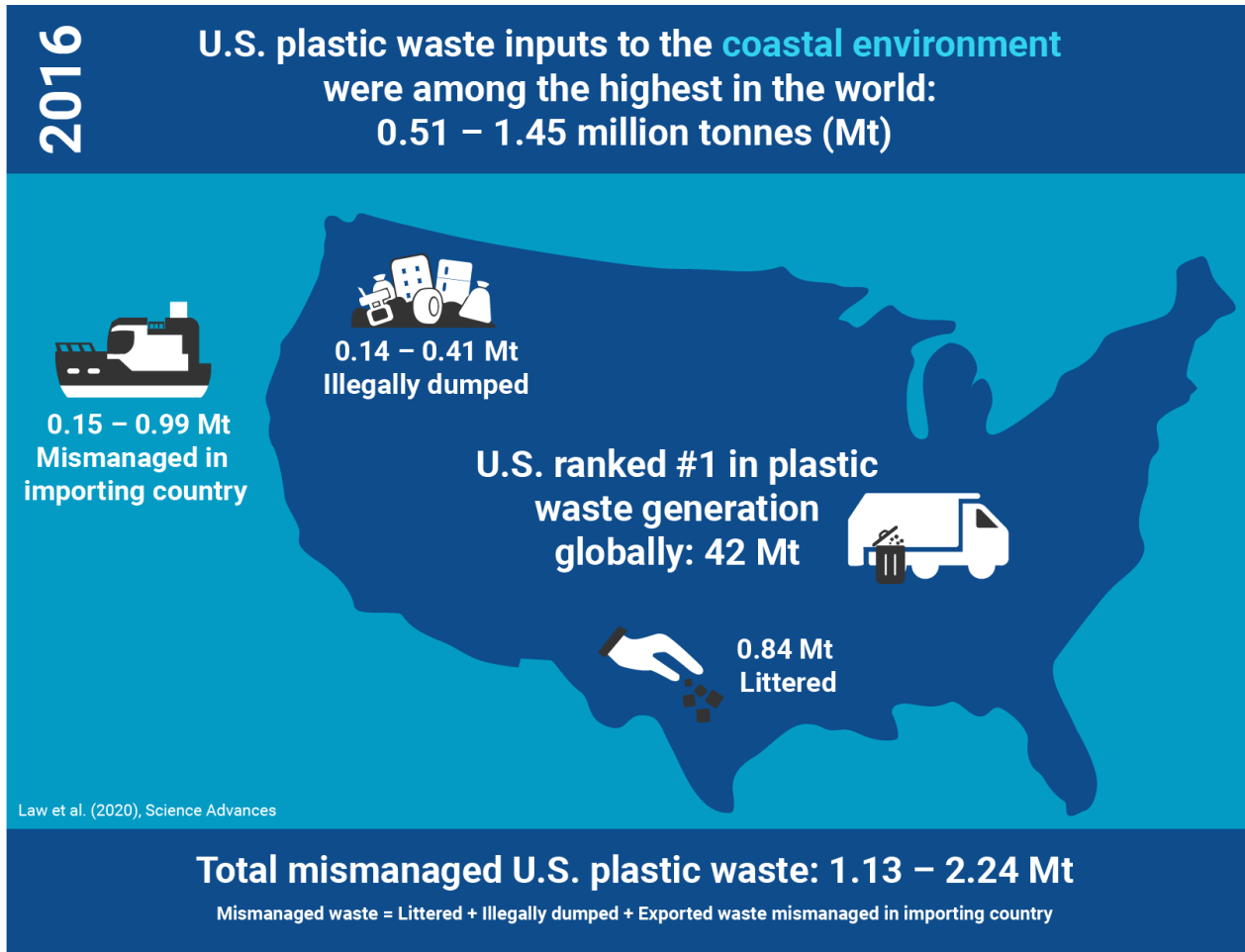
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U.S. a Top Contributor to Ocean Plastic Pollution



Litter

+

Illegal Dumping

+

Exports

Current global efforts to reduce plastic waste do not suffice.

We need all solutions: better, bigger and starting now.

Need a fundamental rethink of our relationship with plastics.



Thank You

Questions?

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